

Amendments to the Specification:

On page 16, line 23, please replace the paragraph beginning “**Figure 6**” with the following amended paragraph:

Figure 6 lists **Figures 6A-6C** list exemplary probes for CYP2D6 allele detection (~~SEQ ID NOS: 6 – 25, 20, 21, 26 – 43, 65, 66, 44 – 63, 67, 64 respectively~~).

On page 47, line 8, please replace the paragraph beginning “Probes are utilized” with the following amended paragraph:

Probes are utilized as shown in **FIG. 6 FIND FIGURE Figures 6A-6C** for detection of immobilized target CYP2D6 nucleic acid molecules.